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Dated: January 23, 2004

Signature:

*Jennifer S. Greer*  
(Jennifer S. Greer)

Docket No.: 65858-0020  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Michael E. Farmer et al.

Application No.: 10/663,521

Confirmation No.:

Filed: September 16, 2003

Art Unit: N/A

For: IMAGE REGION OF INTEREST  
EXTRACTION FOR PRELIMINARY  
IMAGE SEGMENTATION

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

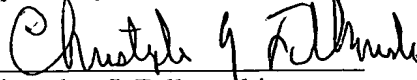
Application No.: 10/663,521

Docket No.: 65858-0020

application by this firm) to our Deposit Account No. 18-0013, under Order No. 65858-0020. A duplicate copy of this paper is enclosed.

Dated: January 23, 2004

Respectfully submitted,

By 

Christopher J. Falkowski

Registration No.: 45,989

RADER, FISHMAN & GRAUER PLLC

39533 Woodward Avenue

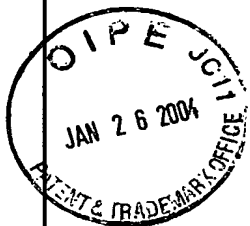
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R0223370



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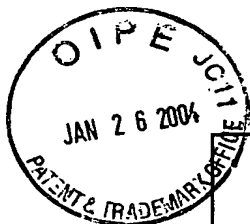
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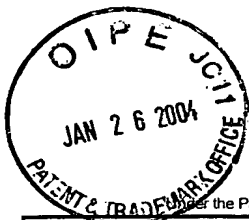
Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/663,521
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Filing Date	September 16, 2003
				First Named Inventor	Farmer et al.
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	65858-0020

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication or Patent Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-4,179,696-B1	12-18-1979	Quesinberry et al.	
	AB	US-4,625,329	11-25-1996	Ishikawa et al.	
	AC	US-4,985,835	01-15-1991	Sterler et al.	
	AD	US-5,051,751-B1	09-24-1991	Gray et al.	
	AE	US-5,074,583-B1	12-24-1991	Fujita et al.	
	AF	US-5,229,943	07-20-1993	Eigler et al.	
	AG	US-5,256,904	10-26-1993	Tohbaru	
	AH	US-5,366,241-B1	11-22-1994	Kithil	
	AI	US-5,398,185-B1	03-14-1995	Omura	
	AJ	US-5,413,378-B1	05-09-1995	Steffens, Jr. et al.	
	AK	US-5,446,661-B1	08-29-1995	Gioutsos et al.	
	AL	US-5,490,069-B1	02-06-1996	Gioutsos et al.	
	AM	US-5,528,698	06-18-1996	Kamei et al.	
	AN	US-5,890,085-B1	03-30-1999	Corrado et al.	
	AO	US-5,983,147-B1	11-09-1999	Krumm	
	AP	US-6,005,958-B1	12-21-1999	Farmer et al.	
	AQ	US-6,018,693	01-25-2000	Blackburn et al.	
	AR	US-6,026,340	02-15-2000	Corrado et al.	
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	AT	US-6,198,998	03-06-2001	Farmer et al.	
	AU	US-6,272,411-B1	08-07-2001	Corrado et al.	
	AV	US-6,459,974	10-01-2002	Baloch et al.	
	AW	US-6,577,936	06-10-2003	Farmer	
	AX	US-6,662,093	12-09-2003	Farmer	
	AY	US-2003-0016845-A1	01-23-2003	Farmer	
	AZ	US-2003-0031345-A1	02-23-2003	Farmer	
	AA1	US-2003-0123704-A1	07-03-2003	Farmer et al.	
	AB1	US-2003-0133595-A1	07-17-2003	Farmer et al.	
	AC1	US-2003-0135346-A1	07-17-2003	Farmer et al.	
	AD1	US-2003-0234519-A1	12-25-2003	Farmer	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP-61-66906	04-05-1986	Nippon Denso Co. Ltd.		
	BB	JP-61-66905	04-05-1986	Nippon Denso Co. Ltd.		
	BC	WO 02/30717	04-18-2002	HRL Laboratories, LLC		
	BD	GB-2 236 419 A	04-03-1991	General Engineering B.V.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/663,521
				Filing Date	September 16, 2003
				First Named Inventor	Farmer et al.
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	65858-0020

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Greg Welch and Gary Bishop, "An Introduction to the Kalman Filter," September 4, 1997	
	CB	"GPS-Based Vehicle Tracking" by Jeffrey Pusan from <a href="http://www.securitydriver.com/aic/stories/article-97.com">www.securitydriver.com/aic/stories/article-97.com</a>	

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